

## Josiam, Raji

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**From:** Shewmake, Kenneth  
**Sent:** Wednesday, June 05, 2013 4:41 PM  
**To:** Josiam, Raji  
**Cc:** Bhattacharya, Dipanjana  
**Subject:** comments on the revised US Oil CSM

Raji,

I had a few comments on the revised CSM for US Oil. Let me know if you want this in a memo format.

1. Figures 1-4: The second, third, and fourth iteration of the sampling need to be combined. There is no reason to do more than two iterations. If a COPC is detected on-site (first iteration sampling), or if the site history indicates that a release of the COPC was likely, then that COPC (or category of COPCs) should be evaluated in all the off-site sampling for all media.
2. We may want to add pipelines to the primary source category.
3. Figure 1 and 3, air sampling : For vapor intrusion we can screen using groundwater and soil data but we will need to collect vapor samples if screen indicates potential risk.
4. Figure 1 and 3, footnote 4: Do we have data that shows that all surface water is salt water? Is there a pathway to freshwater? If so this footnote is not correct. It may be premature to eliminate this pathway. It should be shown as a potentially complete pathway.
5. Figure 2: We need to determine if the groundwater to on-site surface water and on-site sediment pathway is complete.

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